

INTEGRAL HOLLOW FIBER MEMBRANE GAS DRYER
AND FILTRATION DEVICE

ABSTRACT OF THE DISCLOSURE

An integral hollow fiber membrane gas purification apparatus is disclosed. The apparatus comprises one or more filtration elements and a hollow fiber membrane cartridge placed coaxially in a common housing. In some embodiments, the filtration elements are omitted and the hollow fiber membrane cartridge is employed as a combined gas separation/filtration device. The apparatus of this invention is particularly useful for conditioning compressed air that includes the removal of both suspended matter and water vapor.

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